

Amendments to the Specification:

Please replace the paragraph on page 4 at lines 7 – 13 with the following amended paragraph:

Q 1
FIG. 1 is a block diagram of a detection apparatus 10 constructed according to the present invention for determining the source of video sequences. An external source 12 of video sequences of unknown origin provides a video sequence to the detection apparatus 10. External source ~~to~~ 12 conforms to standard industry interfaces and provides input video sequences which may consist of an arbitrary mix of video and film source origin. The detection apparatus 10 may be operated in real time, in which case detection is done on the fly, or operated off-line.

Please replace the paragraph on page 5 at lines 10 – 13 with the following amended paragraph:

Q 2
The buffer 20 may have a capacity of $N + M$ ~~states~~ stages, and is synchronized with the shifting of the fields within the FIFO buffer 14. The extra M ~~states~~ stages of buffering for the SAD values are required by an analyzer 22 to handle scene changes. The value of M may equal $N - 1$.